

Fig. 1

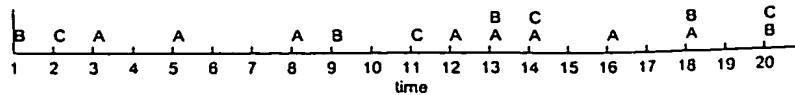


Fig. 2

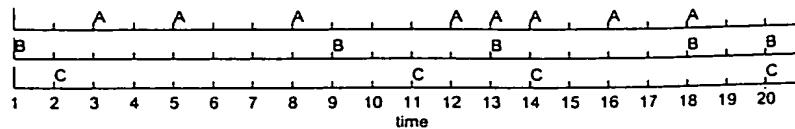


Fig. 3A

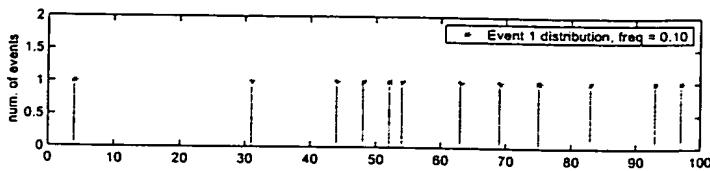


Fig. 3B

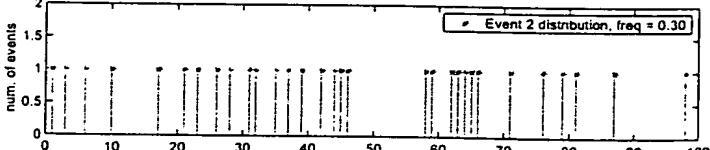


Fig. 3C

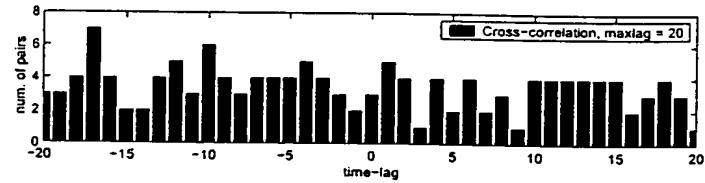


Fig. 4A

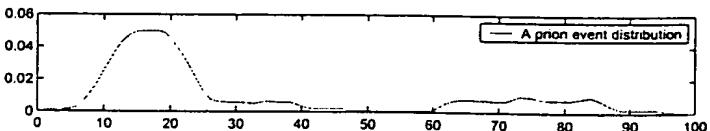


Fig. 4B

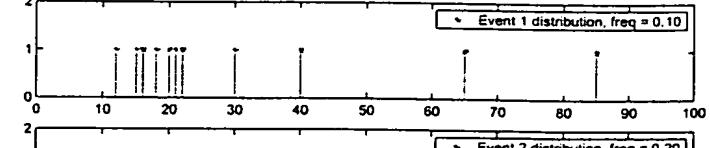


Fig. 4C

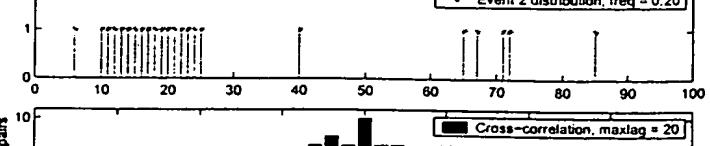
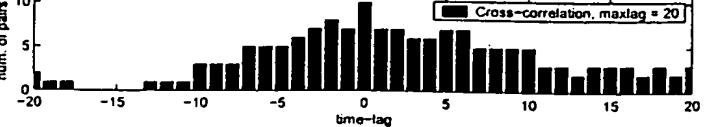


Fig. 4D



40033376-123104

Fig. 5A

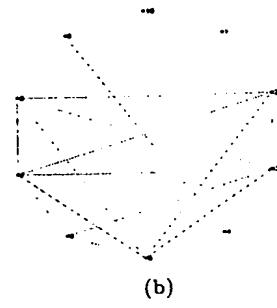
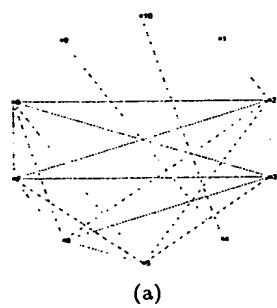


Fig. 5B

Fig. 6A1

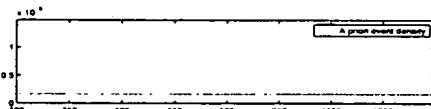
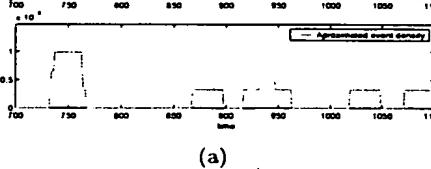


Fig. 6A2



Fig. 6A3



(a)

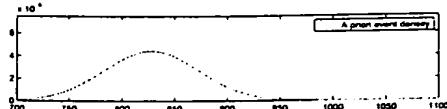


Fig. 6B1

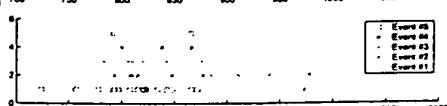
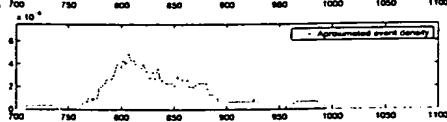


Fig. 6B2



(b)

Fig. 6B3

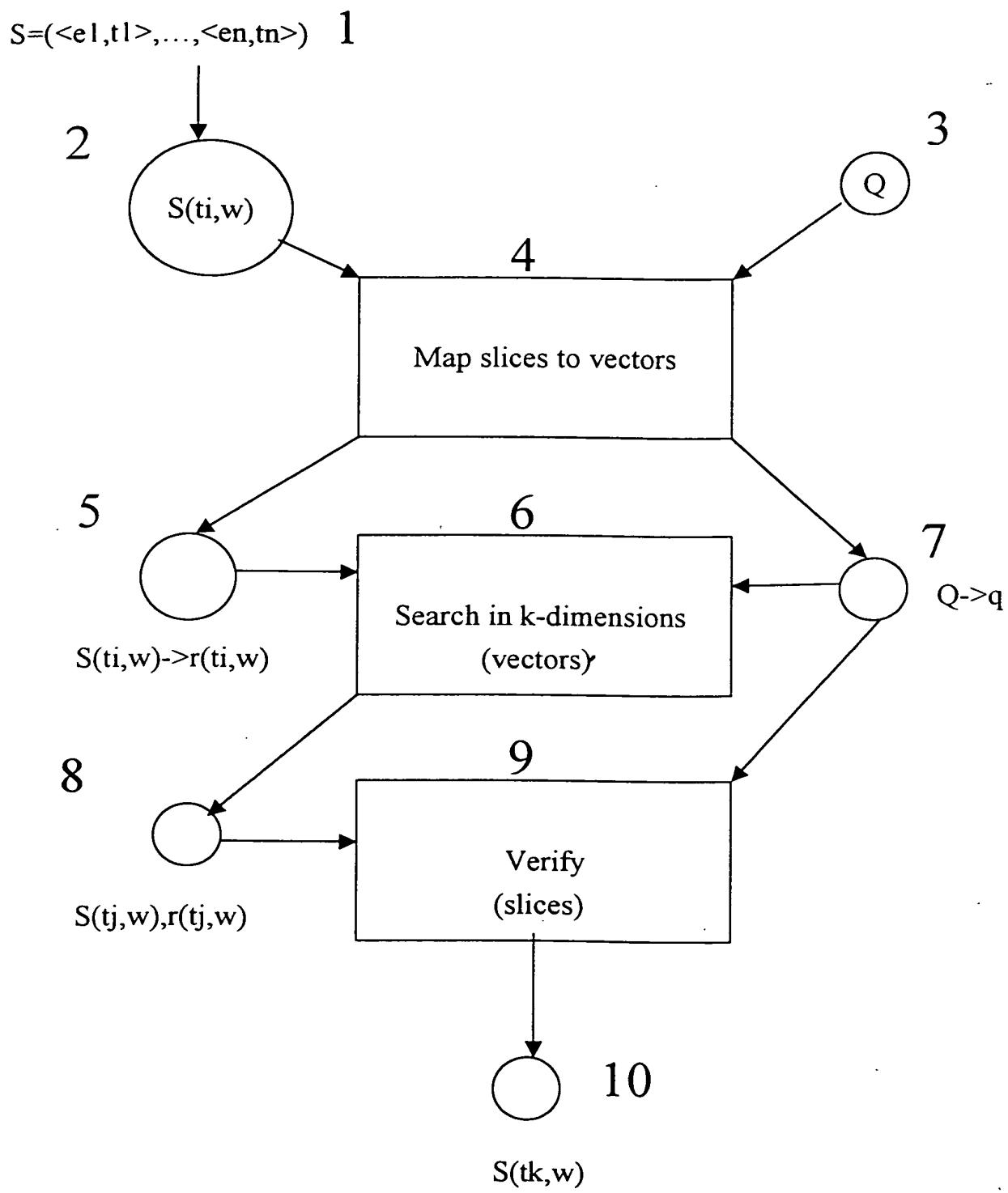


Figure 7.

Figure 8

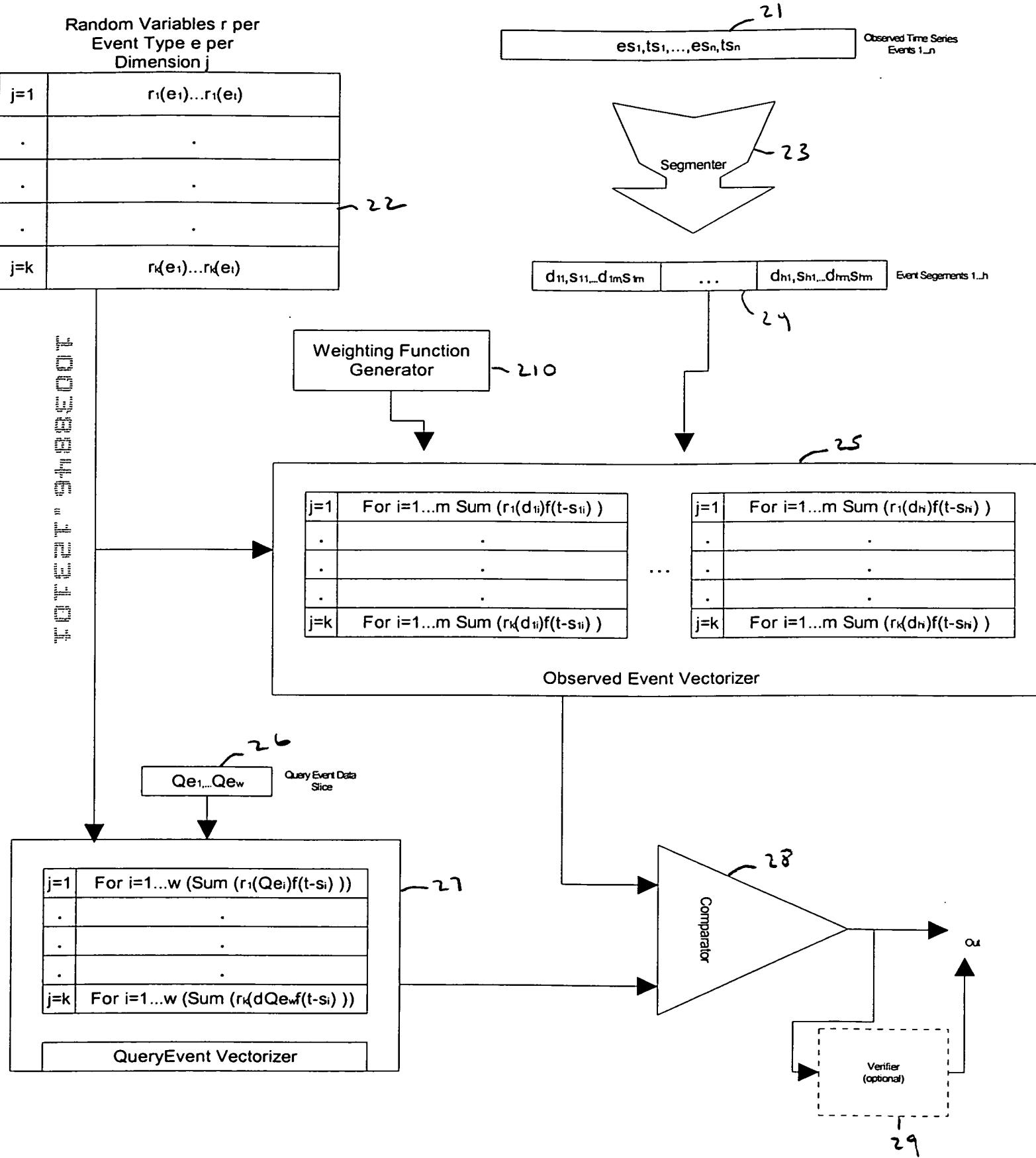


Fig. 9

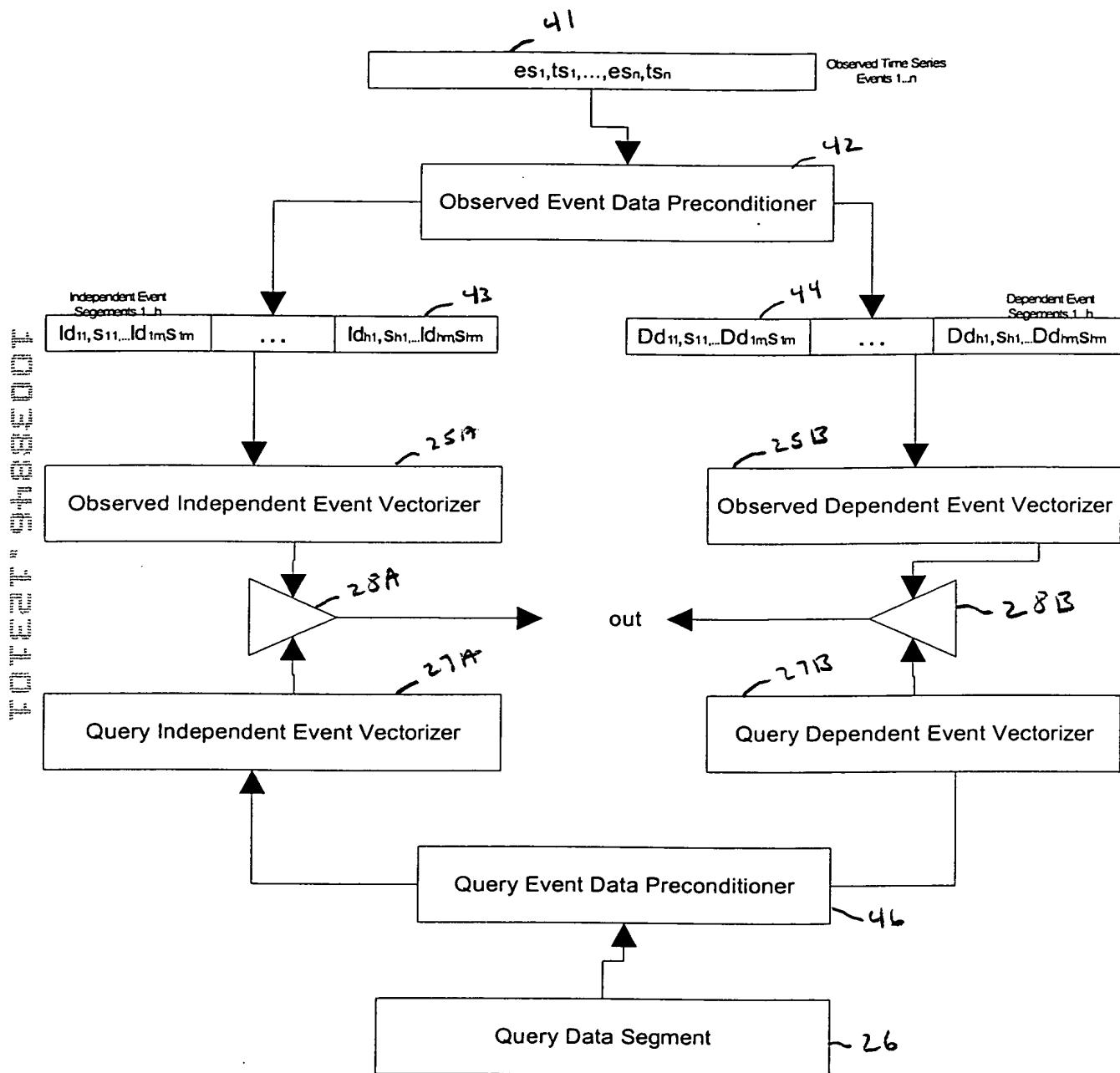
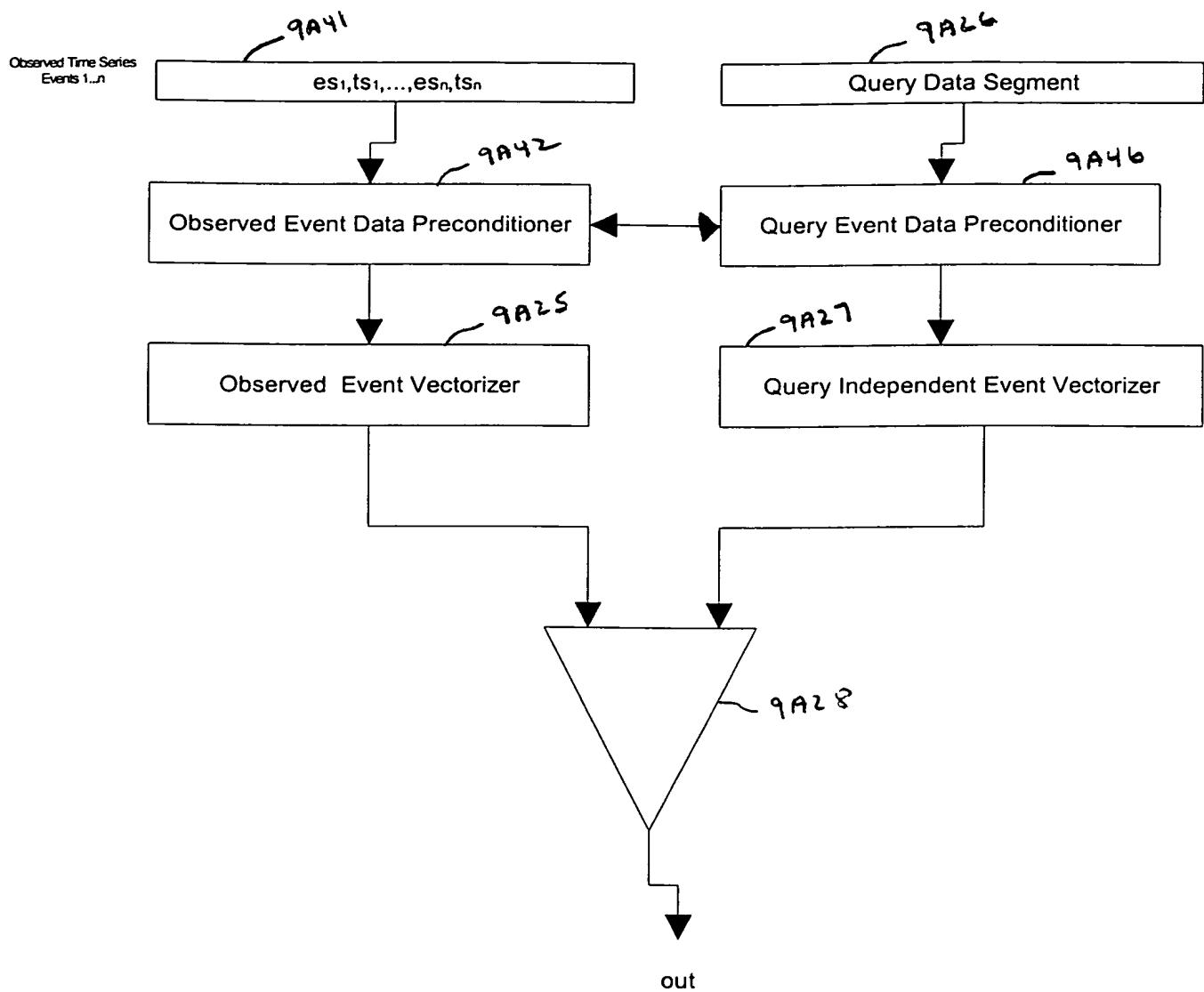


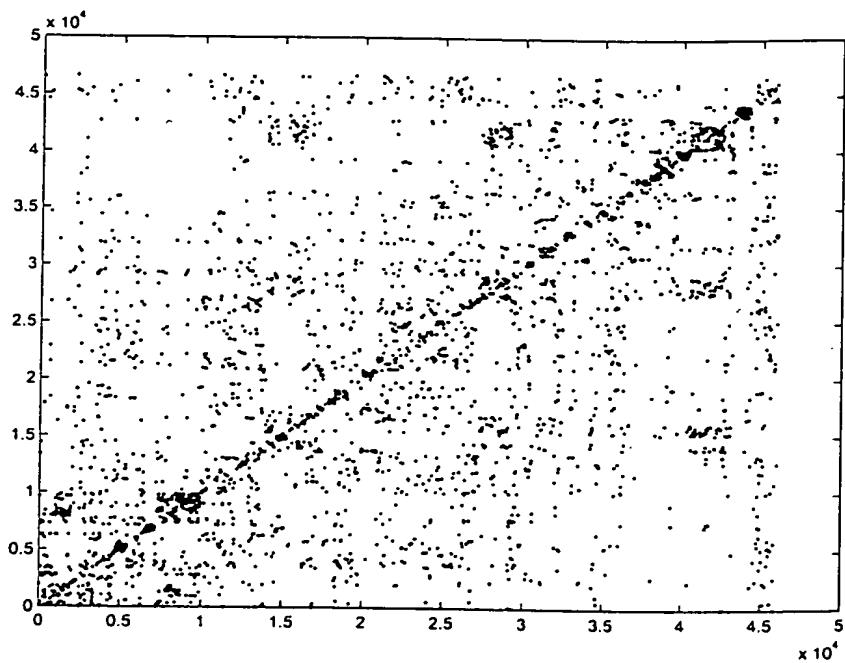
Fig. 9A

PROPOSED SYSTEM



TOTAL = 12321

Fig. 10



The location of the closest slice to the query slice, for every 10th event in the sequence and for $W=1000$ sec.

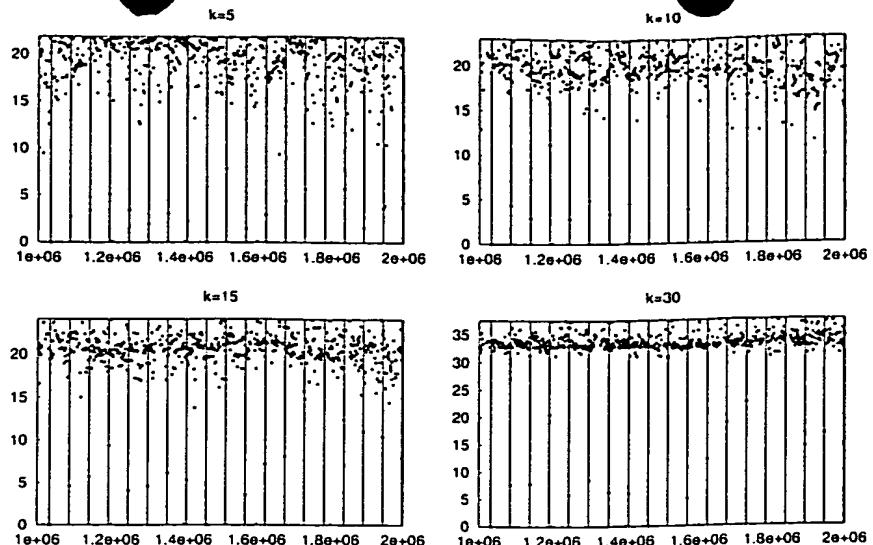


Fig. 11

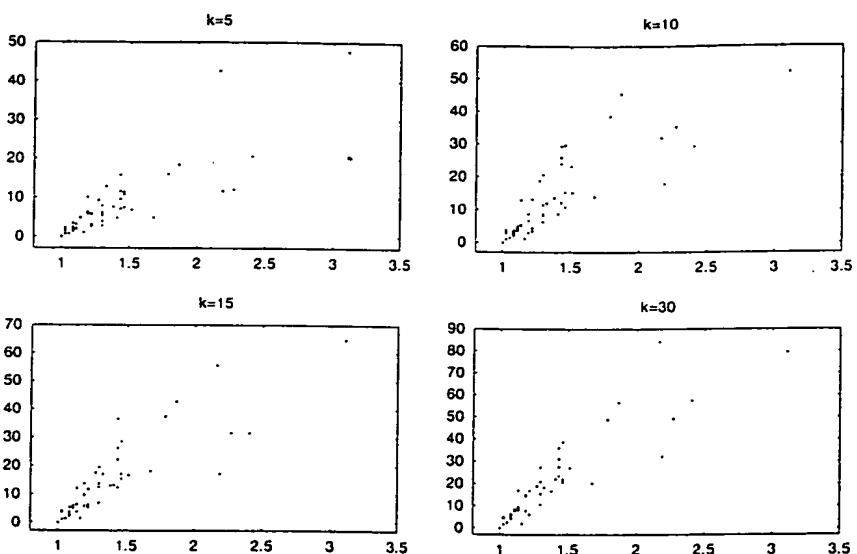


Fig. 12

Distances of target windows against the density ratio, alarm data

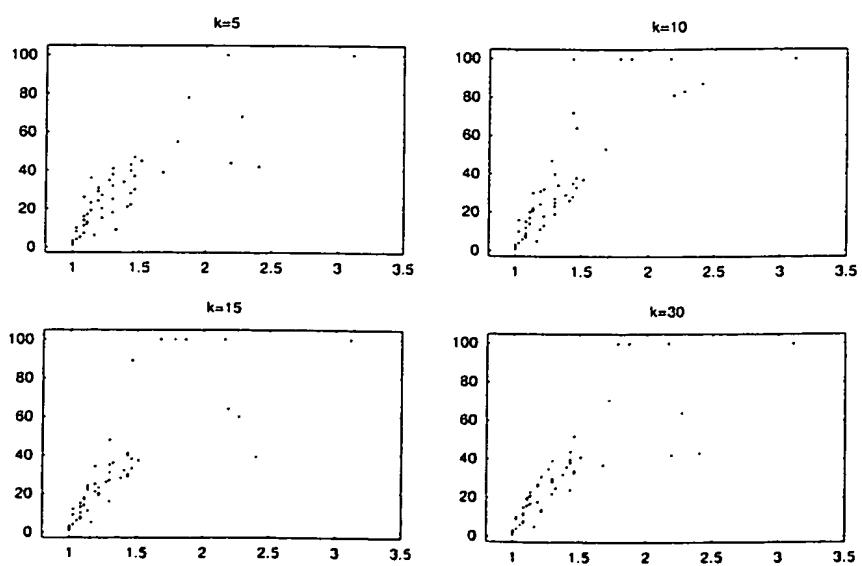


Fig. 13

1003836-122404

Fig. 14

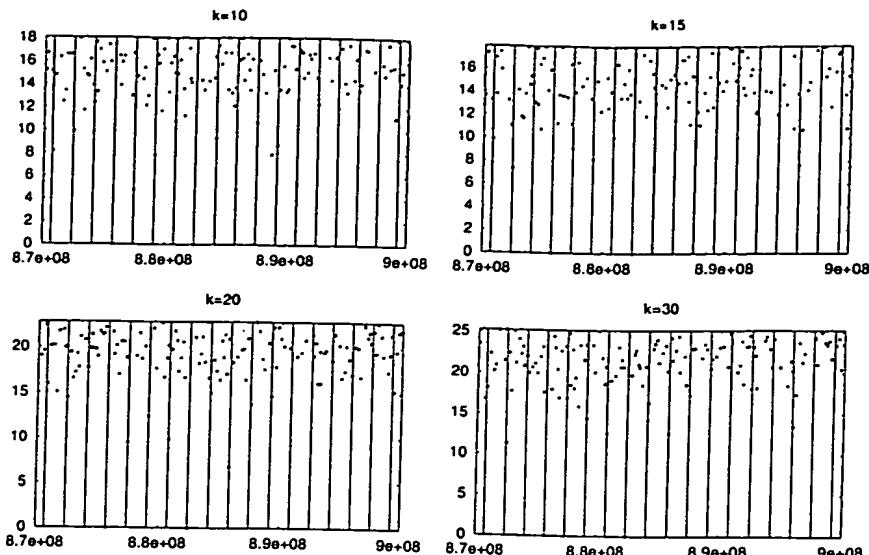


Fig. 17

Dist	Window	Closest	Offset	Dist	Window	Closest	Offset
0.00	1461230	1461230	exact	8.11	1675060	1675440	-380
0.00	2157420	2157420	exact	8.41	3014113	3014260	-147
0.00	1032800	1032800	exact	8.57	2799882	2800050	-168
1.02	2210970	2210970	exact	8.58	979102	979249	-147
1.26	497272	497272	exact	9.32	1193557	1193460	97
1.32	711484	711484	exact	10.18	818800	818590	210
2.10	872143	872143	exact	10.26	2639124	2639390	-266
2.59	3067820	3067820	exact	10.42	1942820	1943200	-380
3.55	1568330	1568330	exact	10.49	2853333	2853600	-267
3.61	2425180	2425180	exact	11.02	2478783	2478730	53
3.68	604378	604378	exact	11.02	1889383	1889650	-267
4.00	657931	657931	exact	11.33	2103614	2103860	-246
4.04	1247010	1247010	exact	12.17	2692793	2692940	-147
4.55	1300570	1300570	exact	12.41	1835763	1836100	-337
4.57	925696	925696	exact	12.91	2906893	2907160	-267
4.57	3121370	3121370	exact	13.14	2264140	2264520	-380
4.58	1086360	1086360	exact	13.75	3059438		missed
4.79	2532290	2532290	exact	13.77	1428734		missed
5.27	1407670	1407670	exact	14.08	2959387		missed
5.64	2371432	2371630	-198	14.17	755127		missed
5.70	1139910	1139910	exact	14.43	1961635		missed
5.82	2585840	2585840	exact	14.59	2053796		missed
6.13	1354120	1354120	exact	14.88	1729345	1728990	355
7.17	1621733	1621880	-147	15.01	1116290		missed
7.95	1996493	1996760	-267	15.26	2087183		missed

Dist=Distance to query window

Window=Position (time) of window found

Closest=Position of closest target window, if closer than 1000

Offset=Difference of this window and closest target

Distances of fifty closest selected windows, k = 15, alarm data

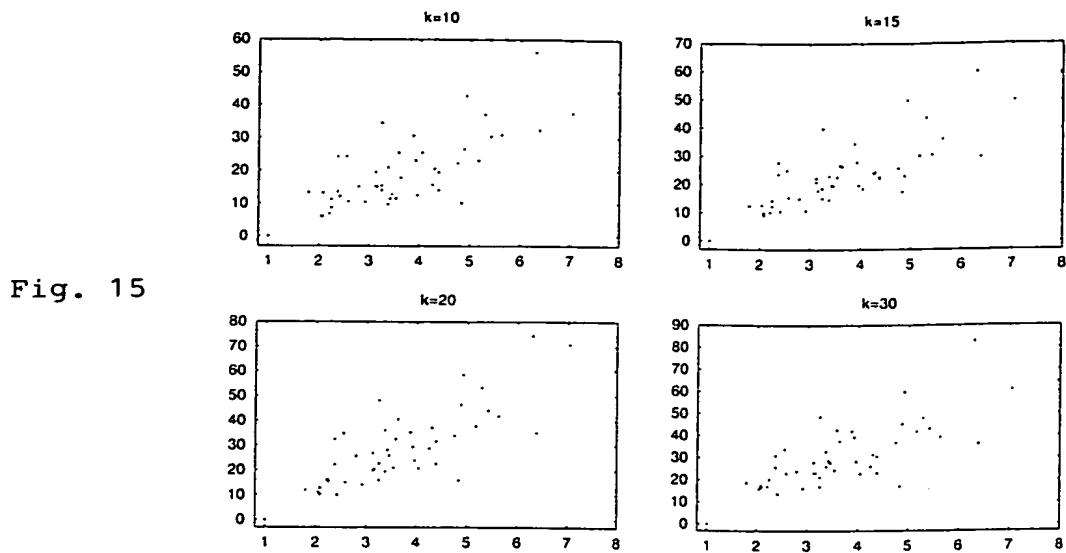


Fig. 15

Distances of target windows against density ratio, Entree Chicago data

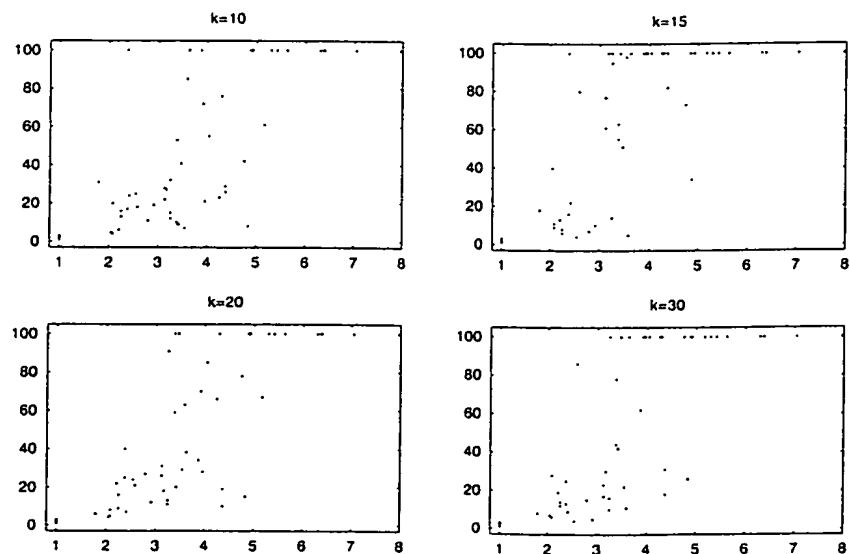


Fig. 16

Ranks of target windows against the density ratio, Entree Chicago data